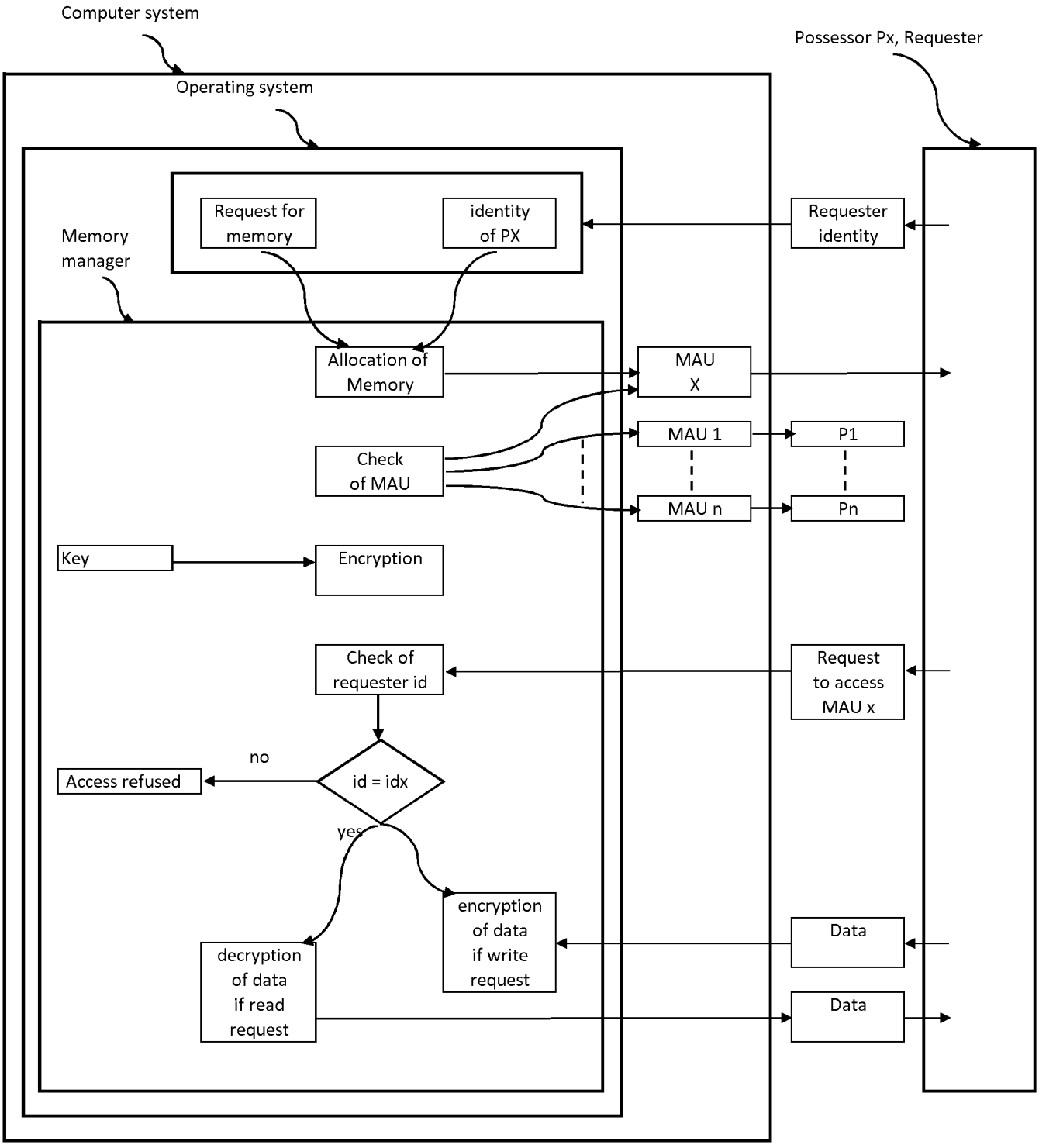
Computer system
Possessor Px, Requester
Operating system
Request for memory
identity of PX
Requester identity
Memory manager
Allocation of Memory
MAU X
MAU 1
P1
Check of MAU
MAU n
Pn
Key
Encryption
Check of requester id
Request to access MAU x
no
Access refused
id = idx
yes
encryption of data if write request
Data
decryption of data if read request
Data